

## Project Nomination and Evaluation Criteria Coastal Impact Assistance Program (CIAP)

### 1. Project Title:

- Bayou Grand Liard Ridge Restoration

### 2. Entity/Individual Nominating the Project:

- Andrew MacInnes, Plaquemines Parish Coastal Zone Administrator
- Plaquemines Parish Coastal Zone Advisory Committee

### 3. Contact Information:

- Andrew MacInnes  
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4. Total CIAP Funds Requested:	\$28,012,250
5. Parish CIAP Funds Requested:	To be Determined
6. State CIAP Funds Requested:	To be Determined
7. Infrastructure Funds Requested:	None

### 8. Description and Location of Project:

- The proposed project is located on the westbank of Plaquemines Parish, just south of the Triumph area. Bayou Grand Liard was formerly a distributary of the Mississippi River that flowed to the Gulf of Mexico. The construction of levees and the development of habitable land cut the bayou off from its source although it is still used as a navigable waterway for the fishing industry. The Triumph pump station sits at the northern end of the Bayou and can intermittently feed it with fresh water that is pumped from the internal drainage canals.

- The project seeks to rebuild and reestablish the degrading banks of the bayou. Grand Liard is one of the last remaining in-tact bayous in Plaquemines Parish, though its banks are rapidly subsiding and washing away. The loss of the bayou will greatly accelerate marsh and wetland loss in the area as the resulting tidal movement will not be controlled by the natural barrier. If the ridges continue to degrade, not only will restoration be much more difficult and costly, but the wetlands that are protected by the ridges will be subject to much more severe daily abuse from increased shoreline, wind and tidal erosion.

**9. Project Type:**

- Conservation, restoration and protection of coastal area, including wetlands.
- Mitigation of damage to fish, wildlife and natural resources.

**10. Project Justification:**

1. The recreation of the ridges will help to slow down tidal scour through the existing marshes
2. The ridges will serve as a barrier from the lateral tidal movement that occurs in the project area
3. There are significant wetlands that will be protected by the reestablishment of the bayou ridges

**11. Project Cost Share (Types and amounts of non-CIAP funds proposed, if any):**

- Plaquemines Parish would like to cost-share the project with DNR (amount and/or percentage to be determined)